



**Current Report according to the provisions of ASF Regulation no. 5/2018 on issuers of financial instruments and market operations**

**Report date: 07.11.2023**

*Name of the issuing entity: NUCLEARELECTRICA S.A. National Company*

*Registered office: 48 Iancu de Hunedoara Av., District 1, Bucharest*

*Telephone/Fax Number: 021.203.82.00 / 021.316.94.00*

*Sole Registration Code with the Trade Register Office: 10874881*

*Registration number in the Trade Register: J40/7403/1998*

*Subscribed and paid-up share capital: RON 3,016,438,940*

*Regulated market on which the issued securities are traded: Bucharest Stock Exchange*

**To: Bucharest Stock Exchange  
Financial Supervision Authority**

**Significant event to report: Nuclearelectrica announces that, following the conduct and completion of an awarding procedure, it has sent to Candu Energy Inc. ("CEI"), an AtkinsRéalis company [SNC-Lavalin Group Inc.] and Canadian Commercial Corporation ("CCC"), a federal Crown corporation, a notice of award of contract for the supply of reactor tooling and components, as well as engineering services and technology, in support of the life extension of the CANDU® reactor of Cernavodă NPP Unit 1**

**Nuclearelectrica announces that, following the conduct and completion of an awarding procedure, it has sent to Candu Energy Inc. ("CEI"), an AtkinsRéalis company [SNC-Lavalin Group Inc.] and Canadian Commercial Corporation ("CCC"), a federal Crown corporation, a notice of award of contract for the supply of reactor tooling and components, as well as engineering services and technology, in support of the life extension of the CANDU® reactor of Cernavodă NPP Unit 1. Valued at approximately \$750 million CAD, the contract will build on a series of previous pre-project contracts for Unit 1 Refurbishment, with AtkinsRéalis.**

*“We are happy to extend our collaboration for the Retubing and Refurbishment Project of Cernavoda Unit 1 NPP with AtkinsRéalis, which already proved its experience and capabilities. As Unit 1 is a strategic pillar for Romania’s energy stability, we are proud to conduct this project at excellent standards and continue to offer clean energy for the following 30 years after its refurbishment. Moreover, the extension of the lifetime of Unit 1 will continue to bring multiple benefits to Romania: preserving high quality jobs, as well as creating new ones, investments in the community, an important contribution to local and national budget, as*

**Societatea Nationala NUCLEARELECTRICA S.A.**

Iancu de Hunedoara Boulevard 48, Bucharest 011745, Romania; Tel +4021 203 82 00, Fax +4021 316 94 00;

Trade Registry number: J40/7403/1998, Sole registration code: 10874881,

Paid and subscribed capital: 3.016.438.940 lei.

[office@nuclearelectrica.ro](mailto:office@nuclearelectrica.ro), [www.nuclearelectrica.ro](http://www.nuclearelectrica.ro)

*well as projects for the local supply chain, as part of our vision to create a sustainable future for the next generations,”* said Cosmin Ghiță, CEO of Nuclearelectrica SA.

Cernavoda NPP Unit 1 entered commercial operation in 1996, has an installed capacity of 700 MWe, and in its 27 years of operation has delivered 138,388,129 MWh to the National Energy System, at a capacity factor of over 90%, which has consistently placed it among the best performing units globally. After refurbishment, in 2029, Unit 1 of the Cernavoda NPP will continue to produce around 5 TW annually and avoid the release of 5 million tonnes of CO<sub>2</sub> annually, as nuclear energy has the lowest carbon footprint of all sources over its entire life cycle.

*“As the original equipment manufacturer (OEM) of CANDU nuclear technology, we are proud that this tried and tested Canadian-developed solution—that has been so effective domestically and abroad— has also provided Romanians with emissions-free, cost-efficient and uninterrupted power for generations, securing its continued energy independence and also serving as an excellent blueprint for the rest of Eastern Europe,”* said Ian L. Edwards, President and Chief Executive Officer, AtkinsRéalis. *“Not only is this award perfectly aligned with our Net Zero philosophy, but it also operationalizes our commitment to engineer a better future for our planet and its people.”*

As the exclusive licensee of CANDU intellectual property portfolio and contributing its unique experience and know-how in respect of all aspects of CANDU technology, AtkinsRéalis is the only organization which has taken a leading role in all CANDU reactor life extension projects to date globally, including those successfully executed or underway in Asia, North America, and South America. AtkinsRéalis' current work on CANDU reactor life extension projects in Ontario includes 10 reactors at Darlington and Bruce Power.

*“We’re honoured and privileged to continue our decades-long relationship with SNN and this award letter is a sign of their continued confidence in our longstanding work and proven capabilities at Cernavoda,”* said Joe St. Julian, President, Nuclear, AtkinsRéalis. *“It is an important step toward the work that needs to be undertaken to extend the life of their CANDU reactor and to continue the legacy of CANDU technology’s exemplary operating and safety record, which is a source of pride in Romania. It’s why they’re also progressing plans for the build of two more CANDU reactors on the Cernavoda site.”*

**The signing of the contract is scheduled to take place in the coming weeks and its entry into force is subject to the approval of SNN's General Meeting of Shareholders and the completion of Government of Canada approval procedures.**

## **About Nuclearelectrica**

The national company "Nuclearelectrica" SA is the Romanian national electricity, heat and nuclear fuel company operating under the authority of the Ministry of Energy, with the Romanian state holding 82.49% of the shares and the other shareholders 17.50%, after the listing of the company on the stock exchange in 2013.

The Cernavoda CNE (CNE) branch operates two CANDU nuclear units, which are two of the most efficient units among more than 400 nuclear power plants in the world, a nuclear fuel

plant and is in the process of building an integrated fuel cycle through the acquisition of a uranium concentrate processing line to support the company's long-term investment projects.

Nuclearelectrica plays a major role at national level, contributing more than 18% of nuclear energy to total energy production and 33% of total CO2-free energy production in Romania.

[www.nuclearelectrica.ro](http://www.nuclearelectrica.ro)

### **About AtkinsRéalis**

Created by the integration of long-standing organizations dating back to 1911, AtkinsRéalis is a world-leading professional services and project management company dedicated to engineering a better future for our planet and its people. We create sustainable solutions that connect people, data and technology to transform the world's infrastructure and energy systems. We deploy global capabilities locally to our clients and deliver unique end-to-end services across the whole life cycle of an asset including consulting, advisory & environmental services, intelligent networks & cybersecurity, design & engineering, procurement, project & construction management, operations & maintenance, decommissioning and capital. The breadth and depth of our capabilities are delivered to clients in key strategic sectors such as Engineering Services, Nuclear, Operations & Maintenance and Capital. News and information are available at [www.atkinsrealis.com](http://www.atkinsrealis.com) or follow us on [LinkedIn](#).

### **About AtkinsRéalis' Nuclear Business**

AtkinsRéalis has over 70 years' of global nuclear expertise, delivering nuclear technology products and full-service solutions to nuclear utilities around the world. AtkinsRéalis is the steward of CANDU® nuclear technology, operating on four continents, and provides advisory and engineering services to other nuclear developers. With an innovative technology portfolio, including access to over 500 patented solutions, AtkinsRéalis solves technically complex challenges across the whole nuclear lifecycle from design and new build through asset management and from life extension and late life management through decommissioning and waste management. AtkinsRéalis operates and manages government nuclear research sites, transforming ageing infrastructure and safely managing legacy nuclear waste. AtkinsRéalis is also involved in developing medical radioisotopes for cancer research through its partnership with TerraPower. [Read more on our Nuclear market page](#).

® CANDU is a registered trademark of Atomic Energy of Canada Limited, used under exclusive license by Candu Energy Inc., a subsidiary of SNC-Lavalin Group Inc. doing business as AtkinsRéalis.

**Cosmin Ghita**  
**Chief Executive Officer**